

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/677,210 Confirmation No. 9639  
Applicants : Felix Anthony Perriello  
Filed : October 2, 2003  
Title: : WASTEWATER TREATMENT WITH ALKANES  
TC/A.U. : 1724  
Examiner : Chester T. Barry  
  
Docket No. : GLOB 64012  
Customer No. : 29694

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

August 17, 2005

Dear Sir:

Pursuant to the provisions of 37 CFR Sections 1.56, 1.97 and 1.98, Applicant submits herewith copies of the references (other than U.S. patents and U.S. published applications) cited on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration during prosecution of this application.

This Statement is being filed after the first Office Action. Therefore, the Commissioner is hereby authorized to charge Deposit Account No. 500859 in the amount of \$180.00.

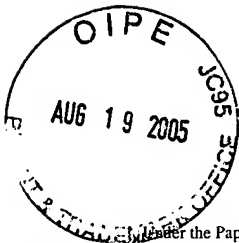
This Statement is filed solely for the purpose of complying with the pertinent rules of the Office and is not intended to be a substitute for an independent evaluation by the Examiner of the art cited or an independent search by the Examiner, and no representation of any nature is made or intended by the filing of this Statement.

Respectfully submitted,

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Attorney for Applicant

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PTO/SB/08A (10-96)

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet				Complete if Known	
1	of	5		Application Number	10/677,210
				Filing Date	10/02/2003
				First Named Inventor	Felix A. Perriello
				Group Art Unit	1724
				Examiner Name	Chester T. Barry
				Attorney Docket Number	GLOB 64012

U.S. PATENT DOCUMENTS						
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		Number	Kind Code <sup>2</sup> (if known)			
		3,242,071		Walker	03-22-1966	
		3,616,216		Wegner	10-26-1971	
		3,846,290		Raymond	11-05-1974	
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		4,111,808		Fair	09-05-1978	
		4,328,175		Roeckel et al.	05-04-1982	
		4,454,077		Litz	06-12-1984	
		4,522,723		Kauffman et al.	06-11-1985	
		4,645,603		Frankl	09-22-1987	
		4,695,378		Ackman et al.	09-22-1987	

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		DE	4142063		Wisstrans Umwelt GmbH	12/19/1991		
		EP	0098138		Exxon Research and Engineering Company	01/11/1984		

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		4,713,343		Wilson Jr. et al.	12-15-1987	
		4,737,289		Castaldi et al.	04-12-1988	
		4,789,478		Revis et al.	12-06-1988	
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		4,956,080		Josefik	09-11-1990	
		5,006,250		Roberts et al.	04-09-1991	
		5,037,551		Barkley et al.	08-06-1991	
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		5,057,221		Bryant et al.	10-15-1991	
		5,061,406		Cheng	10-29-1991	
		5,062,956		Lupton et al.	11-05-1991	
		5,073,309		Bousquet et al.	12-17-1991	
		5,082,652		Mayfield et al.	01-21-1992	
		5,085,809		Stirling	09-04-1992	

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		5,169,532		Whitlock	12-08-1992	
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		5,337,820		Jenneman et al.	08-16-1994	
		5,342,769		Hunter et al.	08-30-1994	
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		5,494,576		Hoppe et al.	02-27-1996	

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		Number	Kind Code <sup>2</sup> (if known)			
		5,512,479		Steffan	04-30-1996	
		5,529,693		Yano et al.	06-25-1996	
		5,651,890		Trost	07-29-1997	
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		5,833,855		Saunders	11-10-1998	
		5,888,396		Perriello	03-30-1999	
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		6,183,644	B1	Adams et al.	02-06-2001	
		6,210,579	B1	Perriello	04-03-2001	
		6,217,766	B1	Stetter et al.	04-17-2001	
		6,244,346	B1	Perriello	06-12-2001	
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		6,303,366		Steffan et al.	10-16-2001	
		6,306,302	B1	Maree et al.	10-23-2001	
		6,322,700	B1	Suthersan	11-27-2001	
		6,361,694	B1	Trost	03-26-2002	
		6,383,388	B1	Krauter et al.	05-07-2002	
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		6,488,850	B2	Perriello	12-03-2002	
		Re. 32,562		Litz	12-15-1987	
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		2003/0201227	A1	Perriello	10-30-2003	

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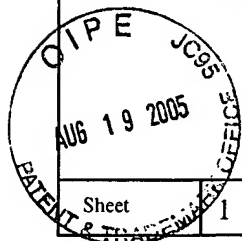
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		WILSON ET AL., "Biotransformation of Trichloroethylene in Soil," <i>Applied and Environmental Microbiology</i> , January, 1985; p.242-243, Vol. 49, No. 1.	
		NELSON ET AL., "Aerobic Metabolism of Trichloroethylene by a Bacterial Isolate," <i>Applied and Environmental Microbiology</i> , August 1986, p. 383-384, Vol. 52.	
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		OLDENHUIS ET AL., "Degradation of Chlorinated Aliphatic Hydrocarbons by <i>Methylosinus trichosporium</i> OB3b Expressing Soluble Methane Monooxygenase," <i>Applied and Environmental Microbiology</i> , November 1989; p. 2819-2826, Vol. 55, No. 11.	
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		VANNELLI ET AL., "Degradation of Halogenated Aliphatic Compounds by the Ammonia-Oxidizing Bacterium <i>Nitrosomonas europaea</i> ," <i>Applied and Environmental Microbiology</i> , April 1990; p. 1169-1171, Vol. 56, No. 4.	
		FOLSOM ET AL. "Phenol and Trichloroethylene Degradation by <i>Pseudomonas cepacia</i> G4: Kinetics and Interactions Between Substrates," <i>Applied and Environmental Microbiology</i> , May 1990; p. 1279-1285, Vol. 56, No. 5.	

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		BROHOLM ET AL., "Toxicity of 1,1,1-Trichloroethane and Trichloroethene on a Mixed Culture of Methane-Oxidizing Bacteria", <i>Applied and Environmental Microbiology</i> , August 1990, p. 2488-2493, Vol. 56, No. 8.	
		HENRY ET AL., "Influence of Endogenous and Exogenous Electron Donors and Trichloroethylene Oxidation Toxicity on Trichloroethylene Oxidation by Methanotrophic Cultures from a Groundwater Aquifer," <i>Applied and Environmental Microbiology</i> , January 1991; p. 236-244, Vol. 57, No. 1.	
		OLDENHUIS ET AL., "Kinetics of Chlorinated Hydrocarbon Degradation by <i>Methylosinus trichosporium</i> OB3b and Toxicity of Trichloroethylene," <i>Applied and Environmental Microbiology</i> , January 1991; p. 7-14, Vol. 57, No. 1.	
		ALVAREZ-COHEN ET AL., "Product Toxicity and Cometabolic Competitive Inhibition Modeling of Chloroform and Trichloroethylene Transformation by Methanotrophic Resting Cells," <i>Applied Environmental Microbiology</i> , April 1991; p. 1031-1037, Vol. 57, No. 4.	
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		MAYMÓ-GATELL ET AL., "Reductive Dechlorination of Chlorinated Ethenes and 1, 2-Dichloroethane by ' <i>Dehalococcoides ethenogenes</i> ' 195," <i>Applied and Environmental Microbiology</i> , July 1999; p. 3108-3113, Vol. 65, No. 7.	
		HAMAMURA ET AL., "Diversity in Butane Monooxygenases Among Butane-Grown Bacteria," <i>Applied and Environmental Microbiology</i> , October 1999; p. 4586-4593, Vol. 65, No. 10.	

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				Filing Date	10/02/2003
				First Named Inventor	Felix A. Perriello
				Group Art Unit	1724
				Examiner Name	Chester T. Barry
Sheet	3		9	Attorney Docket Number	GLOB 64012

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		LÖFFLER ET AL., "16S rRNA Gene-Based Detection of Tetrachloroethene-Dechlorinating <i>Desulfuromonas</i> and <i>Dehalococcoides</i> Species," <i>Applied and Environmental Microbiology</i> , April 2000; p. 1369-1374, Vol. 66, No. 4.	
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		HAMAMURA ET AL., Chloroform Cometabolism by Butane-Grown CF8, <i>Pseudomonas butanovora</i> , and <i>Mycobacterium vaccae</i> JOB5 and Methane-Grown <i>Methylosinus trichosporium</i> OB3b, <i>Applied and Environmental Microbiology</i> , September 1997, pp 3607-3613, Vol. 63, No. 9.	
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		COATES ET AL., "Anaerobic Degradation of Polycyclic Aromatic Hydrocarbons and Alkanes in Petroleum-Contaminated Marine Harbor Sediments", <i>Applied and Environmental Microbiology</i> , September 1997, p. 3589-3593, Vol. 63, No. 9. [ABSTRACT]	
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		MIGUEZ ET AL., "Monitoring Methanotrophic Bacteria in Hybrid Anaerobic-Aerobic Reactors with PCR and a Catabolic Gene Probe", <i>Applied and Environmental Microbiology</i> , February 1999, p. 381-388, Vol. 65, No. 2. [ABSTRACT]	
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		DOJKA ET AL., "Microbial Diversity in a Hydrocarbon- and Chlorinated-Solvent-Contaminated Aquifer Undergoing Intrinsic Bioremediation", <i>Applied and Environmental Microbiology</i> , October 1998, p. 3869-3877, Vol. 64, No. 10. [ABSTRACT]	
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